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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/449,817A

DATE: 09/05/2001

TIME: 14:12:01

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Output Set: N:\CRF3\09052001\I449817A.raw

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3 <110> APPLICANT: Genotherapeutics Inc.
4 Steiner, Mitchell
5 Rinaldi, Augustine
6 Menon, Rema
8 <120> TITLE OF INVENTION: An isolated nucleic acid encoding P-HYDE protein and methods of inducing

9 susceptibility to induction of cell death in cancer

11 <130> FILE REFERENCE: P-2762-US1

13 <140> CURRENT APPLICATION NUMBER: US 09/449,817A

OK--> 14 <141> CURRENT FILING DATE: 2001-08-16

16 <150> PRIOR APPLICATION NUMBER: US 09/302,457

17 <151> PRIOR FILING DATE: 1999-04-29

19 <160> NUMBER OF SEQ ID NOS: 6

21 <170> SOFTWARE: PatentIn version 3.0

23 <210> SEQ ID NO: 1

24 <211> LENGTH: 733

25 <212> TYPE: DNA

26 <213> ORGANISM: human

28 <400> SEQUENCE: 1

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49	ttcctgggac	tcaaattgat	gcattgactat	tcagaatgat	atacacacat	atgtgtatat	660
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57 <211> LENGTH: 186

58 <212> TYPE: PRT

59 <213> ORGANISM: Human

61 <400> SEQUENCE: 2

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66	Leu	Leu	Ala	Val	Thr	Ser	Leu	Pro	Ser	Ile	Ala	Asn	Ser	Leu	Asn	Trp
67					20					25				30		
69	Arg	Glu	Phe	Ser	Phe	Val	Gln	Ser	Ser	Leu	Gly	Phe	Val	Ala	Leu	Val
70					35					40				45		
72	Leu	Ser	Thr	Leu	His	Thr	Leu	Thr	Tyr	Gly	Trp	Thr	Arg	Ala	Phe	Glu
73					50					55				60		
75	Glu	Thr	Ala	Thr	Ser	Ser	Thr	Cys	Leu	Pro	Pro	Ser	Arg	Ser	Arg	Cys
76	65						70				75				80	
78	Trp	Cys	Pro	Ala	Ser	Ser	Ser	Trp	Pro	Lys	Pro	Cys	Phe	Ser	Cys	Pro

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91 145          150          155          160
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158 <212> TYPE: PRT
159 <213> ORGANISM: Rat
161 <400> SEQUENCE: 4
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172 <213> ORGANISM: Rat
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438	gctcgcgggt	gaggacaaac	tcttcgcggg	ctttccagta	ctcttggtatc	ggaaacccgt	3840
440	cggcctccga	acggtaagag	cctagcatgt	agaactgggt	gacggcctgg	taggcgcagc	3900
442	atcccttttt	taagggttag	gcgtatgcct	gcgcggcctt	ccggagcgag	gtgtgggtga	3960
444	gcgcaaaagt	gtccctgacc	atgactttga	ggtactggta	tttgaagtca	gtgtcgtcgc	4020
446	atccgcctcg	ctccagagc	aaaaagtccg	tgcgcttttt	ggaacgcgga	tttggcaggg	4080
448	cgaagggtgac	atcgttgaag	agtatctttc	ccgcgcgagg	cataaagttg	cgtgtgatgc	4140
450	ggaagggtcc	cggcacctcg	gaacggttgt	taattacctg	ggcggcgagc	acgatctcgt	4200

VERIFICATION SUMMARY

DATE: 09/05/2001

PATENT APPLICATION: US/09/449,817A

TIME: 14:12:02

Input Set : A:\PTO.txt

Output Set: N:\CRF3\09052001\I449817A.raw

L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date